mansfield

HOLIDAY®

8mm MOVIE PROJECTOR

INSTRUCTIONS

MODEL 3000

a product of

argus INCORPORATED

CHICAGO 48, ILLINOIS

GENERAL INFORMATION

The Holiday Projector is designed to be operated on 110 to 125 volts, 60 cycle alternating current only. This projector features oilless bearings and nylon gears and cam so that all moving parts will give silent, care-free operation for a lifetime of service under normal operating conditions.

Control Panel

CONTROL PANEL

The control panel, conveniently located on the side of the projector, contains all the switches for operating the projector. There are individual switches for controlling the motor and the lamp. To prevent accidental damage to the film and projector from overheating, the lamp will not go on unless the motor is running.

Tilt Adjustment

SETTING UP

Place projector on a sturdy table at the proper distance from the screen. Turn on the motor switch and the lamp switch. Tilt the projector so that the beam of light is centered on the screen. Focus the light beam by turning the projection lens in or out until the light pattern is sharply outlined. Then turn off the projector

Focus

PROJECTING YOUR FILM

Place the full reel of film on the top reel shaft. The film should come off the front of the reel with the perforations toward you. Place the empty take up reel on the lower reel shaft. To thread your film properly open the film gate (part which holds lens barrel) by swinging it out. Pull off about 18 inches of film from the supply reel. Thread the top sprocket by going under the two rollers and over the sprocket. Make sure the sprocket teeth engage the film perforations. Lay the film between the guides on the aperture plate and close film gate. Then thread the lower sprocket by going over the first roller, under the next rollers, over the sprocket,

Top Sprocket

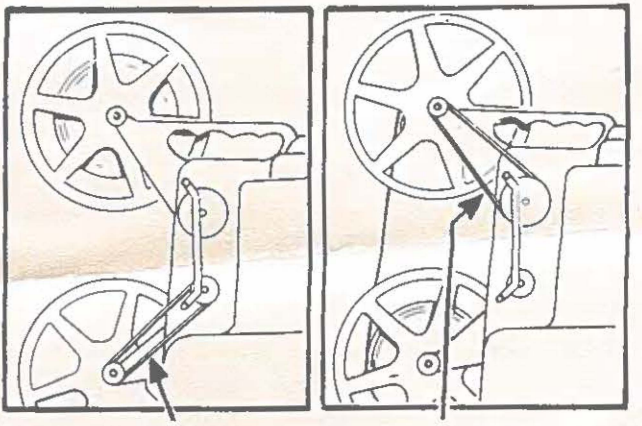
Film Gate

Lower Sprocket

and under the last roller. Be sure that a loose loop of film is left above and below the film gate. (see illustrations) Attach the end of the film to the take-up reel. You can check the threading by turning the threading knob (located to the right of the lens barrel) counter-clockwise checking to see that the film moves onto the take-up reel and both loops maintain their positions. Turn on the motor and lamp switches. Focus the picture on the screen. If your picture is cut off at the top or bottom move the framer lever up or down until the full picture appears on the screen.

Complete Threading

Framer



REWINDING

After your film has been completely run through the projector it will be necessary to rewind it onto the supply reel. Simply bring the film directly up from the take up reel and secure it to the supply reel. Move the spring belt from the bottom pulleys to the top pulleys as shown in the illustrations above. Turn the motor switch on and the film will rewind onto the reel and will be ready for future showings. After rewinding, return the spring belt to the bottom pulleys

Rewind

MAINTENANCE

Periodically it may be necessary to clean the projection lens. Pull the lens barrel forward out of the housing. Front and rear lens surfaces can be dusted with a soft brush. If finger marks must be cleaned off use a soft, lintless cloth. Do Not Attempt to Disassemble the Lens.

Clean Lens

To change a burned out lamp proceed as follows:

1. Remove power cord before proceeding.
2. Slide off side cover by removing single screw and disengaging the spring belt from the reel shaft pulley.
3. Remove lamphouse cover by pushing tab to rear and lifting out.
4. The burned out lamp can now be removed by pulling it straight up out of the socket. Do not twist or turn lamp.

5. Align the pins of the new lamp in the socket and press straight down until it is firmly seated in the socket. Replacement lamps should be ordered by code letters **DAK**

Before each usage of the projector it is a good idea to clean the film aperture. It is important to keep this clean because any dust or foreign matter will show up on the screen. It is a simple matter to open the film gate and, using a soft water-color brush, dust out the film channel and aperture plate.

ACCESSORIES

It is best to keep your projector protected from dust and dirt when not in use. The carrying case available for your Holiday Projector is ideal for this purpose and provides a convenient way to carry your projector for an outside showing.

SERVICE AND REPAIRS

If for any reason your projector might need servicing, please write to:

ARGUS INCORPORATED
CUSTOMER SERVICE
2080 Lunt Ave.
Elk Grove Village, Illinois

The name of the nearest regional authorized repair station will be mailed to you. This will insure rapid and competent service. When sending the projector for repairs **never** send projector in carrying case. Pack projector carefully in a sturdy carton with at least two inches of solid padding all around.

IMPORTANT NOTICE

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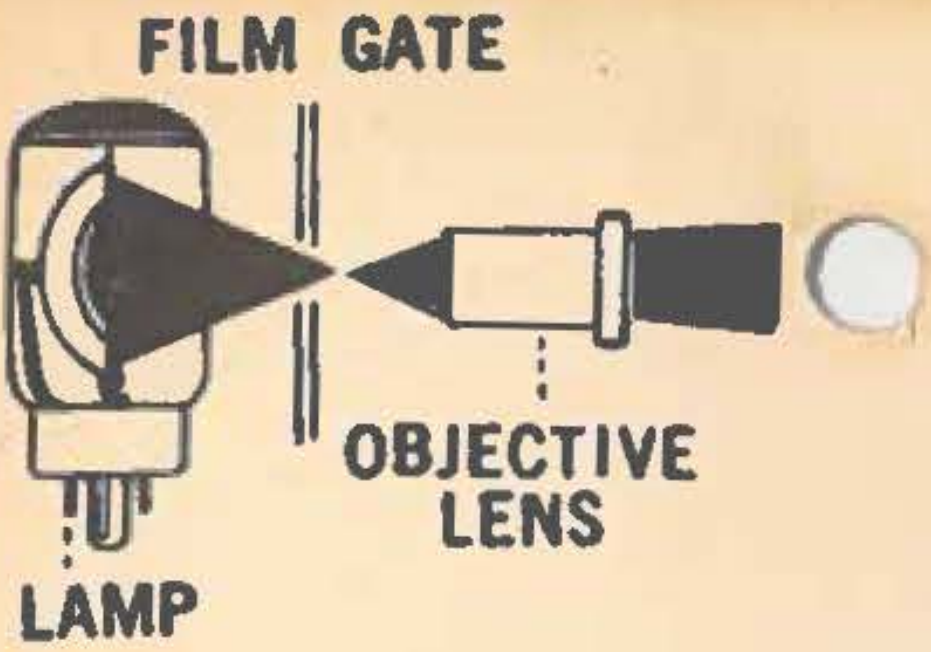

In the Tru-Flector system, an internal reflector collects almost a full hemisphere of light and focuses it directly on the film. Instead of the light loss with standard optical systems, the objective lens collects almost the full output of the lamp

and directs the brighter image onto the screen.

NOTICE

Recent developments in the field of high efficiency integrated beam projection lamps have made it possible to equip this projector with a much cooler operating lamp and the same light output.

We feel this will add greatly to your enjoyment of this projector.